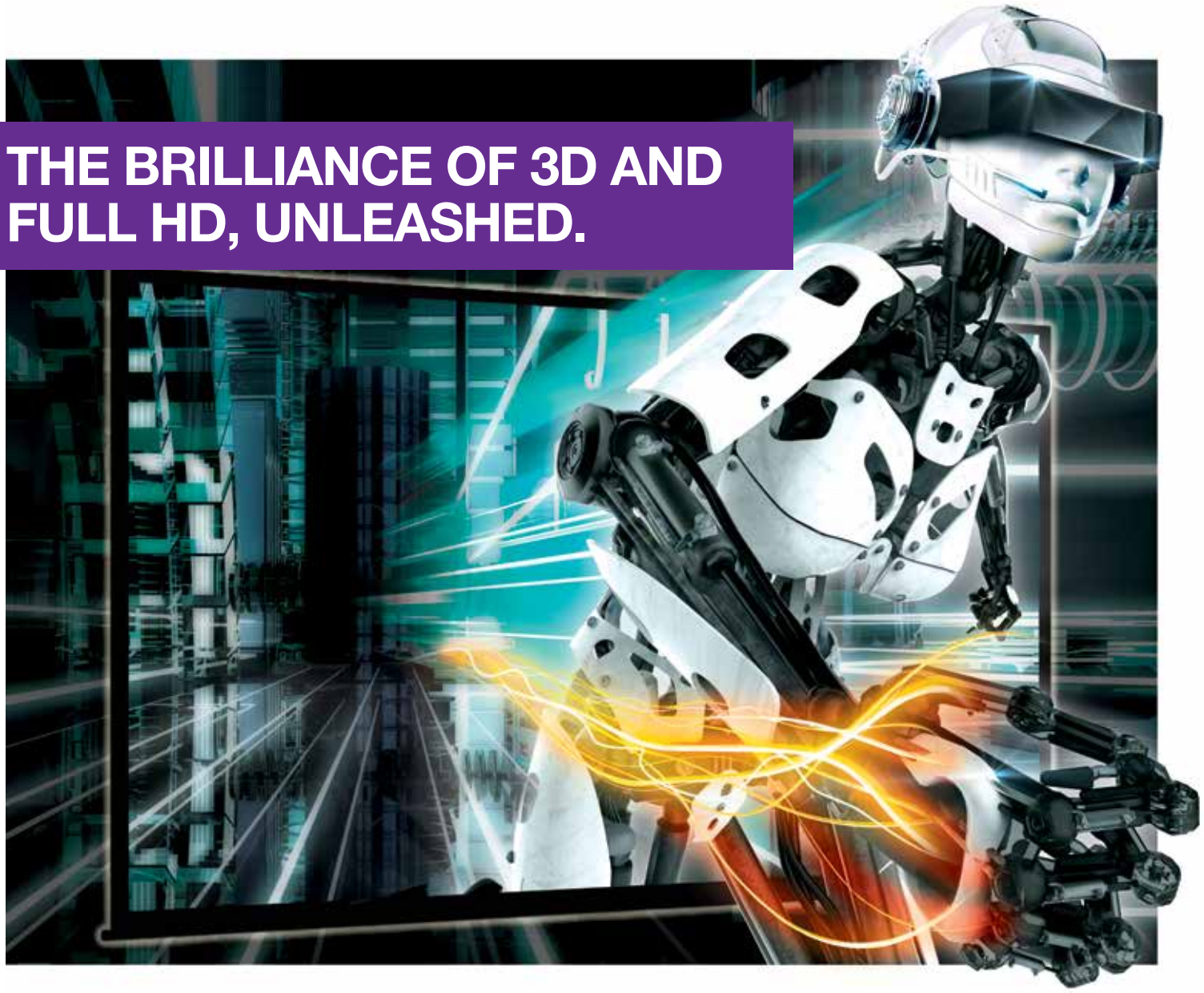
FULL HD 3D HOME PROJECTORS
EH-TW6100/TW8200

EPSON
EXCEED YOUR VISION

THE BRILLIANCE OF 3D AND FULL HD, UNLEASHED.



Experience the full potential of 3D and Full HD entertainment with Epson's home projectors equipped with 3LCD and C²Fine™ Technology. Be immersed in stunningly detailed and vibrant images with amazing contrast ratios of up to 600,000:1 for your movies and gaming experience. Even 2D content can be converted easily into 3D that lets you enjoy the sensation of visual depth like never before.

EH-TW6100

EH-TW8200

High Brightness | 3D Glasses | 1080p | 2 x HDMI | Split Screen

Brilliant Picture Quality
Enjoy bright and vivid images with high Colour Brightness of up to 2,400lm and Lamp Boost Technology.

Superior Contrast
Get more out of 3D and Full HD images with up to 600,000:1 contrast ratio for deeper blacks and more translucent whites.

Flexible Conversion from 2D to 3D
Easily convert 2D movies and TV shows for a fully immersive 3D experience, complete with depth control.

FULL HD 3D HOME PROJECTORS
EH-TW6100/TW8200

Epson's 3LCD home projectors let you experience 3D and Full HD like never before with exceptional Colour Brightness and contrast ratios of up to 600,000:1. Now you can even enjoy instant 3D conversion from 2D media for the most engaging and immersive entertainment for your home.

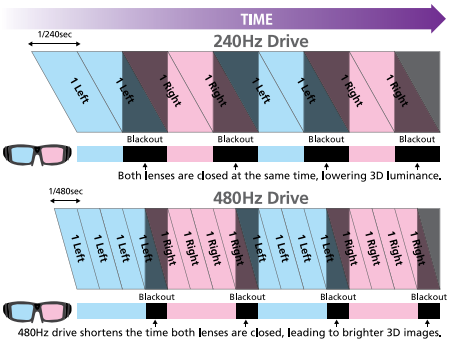
Brilliant Picture Quality

Epson's home projectors with Lamp Boost Technology excel in delivering high Colour Brightness for a superior viewing experience. With 2,300 lumens for the EH-TW6100 and 2,400 lumens for the EH-TW8200, you enjoy bright colours and clear images on large screens, even with substantial ambient lighting.

Less brightness with ambient light

Full HD 3D home projectors with ambient light

These 3D Full HD home projectors also have a high frame refresh rate of 480Hz that is twice as fast as other 3D projectors. This minimises the "blackout time" when 3D images are transitioning from frame to frame, giving you the smoothest 3D movie experience in the comfort of your home.



Superior Contrast

Epson's proprietary C²Fine™ (Crystal Clear Fine) Technology and inorganic LCD panels with Vertical Alignment (VA) technology allows for deeper blacks and translucent whites in 3D and Full HD images. The optical phase control technology minimises polarised light leakage and increases contrast ratio to deliver dramatically enhanced image definition and quality for a thrilling home cinema experience.

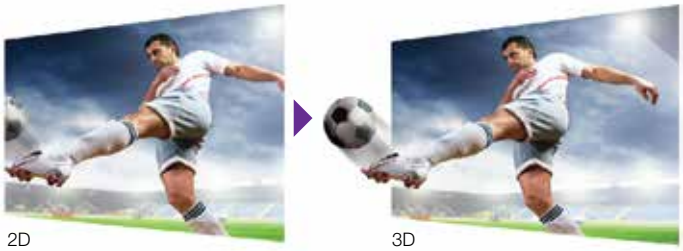
Low contrast image

High contrast image

*Simulated image

Flexible Conversion from 2D to 3D

These projectors feature a unique 2D to 3D conversion function with three levels of image depth. Simply select the screen size and adjust it to your preference, then sit back and be immersed in an engaging movie experience.



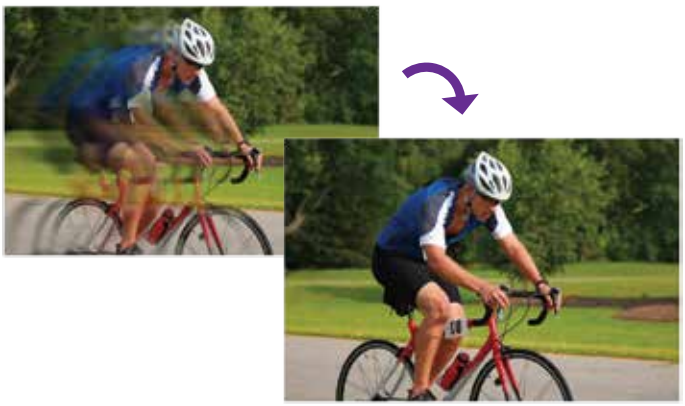
2D

3D

EH-TW8200

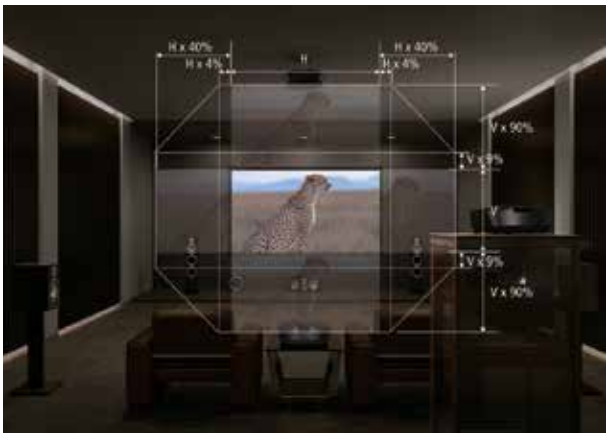
Reduce Motion Blur in 2D and 3D

Now, you can enjoy clearer, sharper playback with Epson's Frame Interpolation Technology. This feature effectively suppresses blurring by inserting new frames between original ones to create smoother motion transition.



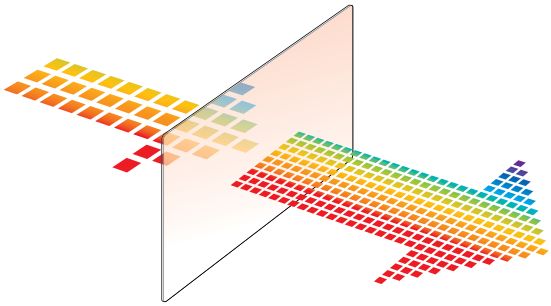
Flexible Installation with Optical Lens Shift

The wide lens shift range of EH-TW8200 and EH-TW8200W provide exceptional installation flexibility. A short focal length as little as 298cm is possible with a 100-inch screen. A broad shift range of 96% vertically and 47% horizontally with the optical lens shift function also keeps image deterioration low, allowing you to position your projector at any point in the room.



Cinema Filter

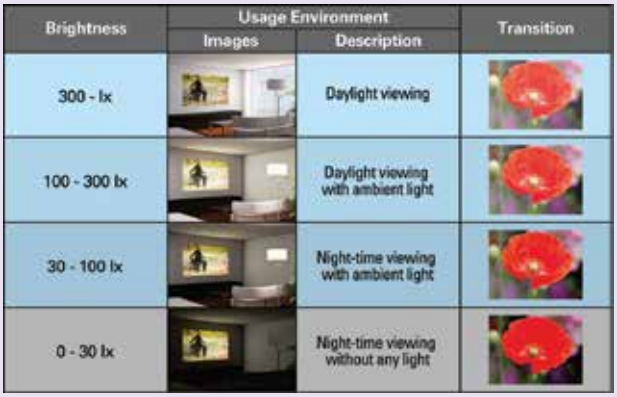
The Epson Cinema Filter extracts very pure hues of the three primary colours from the lamp light to produce a wide colour gamut, enabling unbeatable colour reproduction and quality while maintaining the high contrast ratios that are difficult to achieve with electronic colour-correction.



EH-TW6100

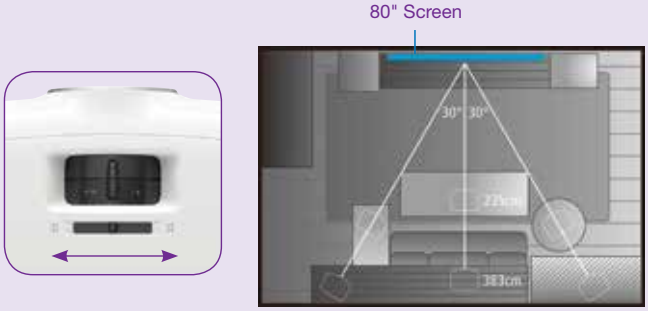
Achieve Optimised Colour Quality

The Auto Colour Optimiser (set to Auto Colour Mode) optimises and automatically adjusts brightness and colour to ambient light conditions. This achieves best-quality images for your movies without the need to totally darken the room.



Perfect Videos with Ease

The easy-to-use sliding Horizontal Keystone Button carries out screen corrections quickly, easily and accurately. The automatic vertical keystone detection and adjustment feature detects the projector vertical keystone distortion and corrects it instantly, eliminating time-consuming manual adjustments.



PC-Free Photo Viewing Ability

Share priceless memories with friends and family from the comfort of your home. Enjoy slideshow presentations of images stored in a flash drive on the big screen any time, without connecting to a PC.

Lighter RF 3D Glasses

The perfect accompaniment for your home viewing experience, Radio Frequency 3D glasses allow greater seating flexibility of up to 10 metres radius from the projector. Maintenance is minimal as they can be used up to 40 hours with 50 minutes of charging.

Double the View with Split-Screen

The versatility of the split-screen feature enables dual display of your selected TV show, movies or games concurrently. Now, you will never miss an important scene again.

Sports

Movies

Super-Resolution in 2D and 3D^

Super-Resolution technology improves the resolution of images that become blurry in the enlargement process. DVDs too can be enjoyed with high, Full HD-like image quality. The low resolution parts (blurred sections) from Full HD images become smooth and sharp.

^Only for EH-TW8200

Without Super-resolution

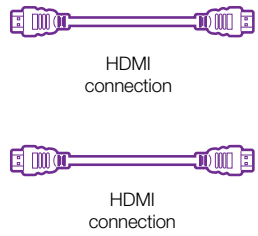
With Super-resolution

Compact Design for Easy Ventilation

These projectors are designed with the air intake and exhaust at the front so that you can easily install them even in narrow spaces. Place them on a bookshelf or close to walls without worrying about maintaining clearance for ventilation.

Manage Your Home Entertainment System with Ease

HDMI Link allows you to control the projector, AV amplifier and player at the same time with just a single remote control. The remote control also features a backlight for controlling the devices even in a dark room.



Eco Features

- Uses just 0.35W/0.39W of power in standby mode
- Projector optics employ lead-free lenses
- Unpainted plastic housing reduces the environment impact
- The flame retardants used in the plastic housing do not contain chlorine or bromine

Better Products for a Better Future™

For more information on Epson's environmental programme, visit **http://global.epson.com/SR/environment**.

COLOUR BRIGHTNESS
Know your projector lumens

SEE VIBRANT, REALISTIC COLOURS WITH HIGH COLOUR BRIGHTNESS.

A New Specification

Projectors have always had their brightness rated only for white light. However, they may have very different colour brightness levels. The Colour Brightness specification provides a new way for buyers to compare the holistic performance (white and colour light brightness) of projectors to make a more informed decision.

Epson
Colour Brightness 2600 Lumens
White Brightness 2600 Lumens

Competitor
Colour Brightness 750 Lumens
White Brightness 2700 Lumens

What is Colour Brightness?

As the term implies, Colour Brightness is a new international standard that states a projector's colour light output in lumens. It measures the brightness of a projector's red, green and blue light.

These are the measurements to look for:
Colour Brightness - Colour Light Output
White Brightness - White Light Output

Epson **Competitor**

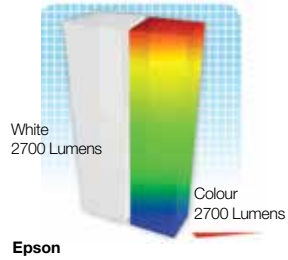
Why Does Colour Brightness Matter?

Even if a projector has high white brightness, it's Colour Brightness could be as low as 1/3 of its white light brightness specification. With a projector that has high Colour Brightness, you'll see vibrant, realistic colours; but if Colour Brightness is low, colours can look dull and dark, skin tones can be reproduced poorly and important details can be lost.

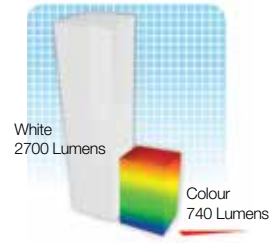
Epson **Competitor**

How to Find a Projector's Colour Brightness?

1. Look for separate Colour Brightness and white brightness specification.
2. Projectors with similar white brightness levels can have vastly different and significantly lower Colour Brightness levels.
3. Many manufacturers may not want you to know their projectors are only 1/3 as bright when measuring colour.



Epson



Other 1-Chip Projectors

Up to 3X Brighter Colours with Epson Projectors

* Compared against similarly-priced leading 1-chip DLP® business and education projectors based on NPD data from July 2011 through June 2012 (available from www.npd.com). Colour brightness (colour light output) measured in accordance with IDMS 15.4. Actual colour brightness will vary depending on actual usage conditions. 3LCD® is a registered trademark of Seiko Epson Corporation. DLP® is a registered trademark of Texas Instruments, Inc. and its use here does not imply any affiliation with or endorsement by them.

www.epson.com.sg/colourbrightness

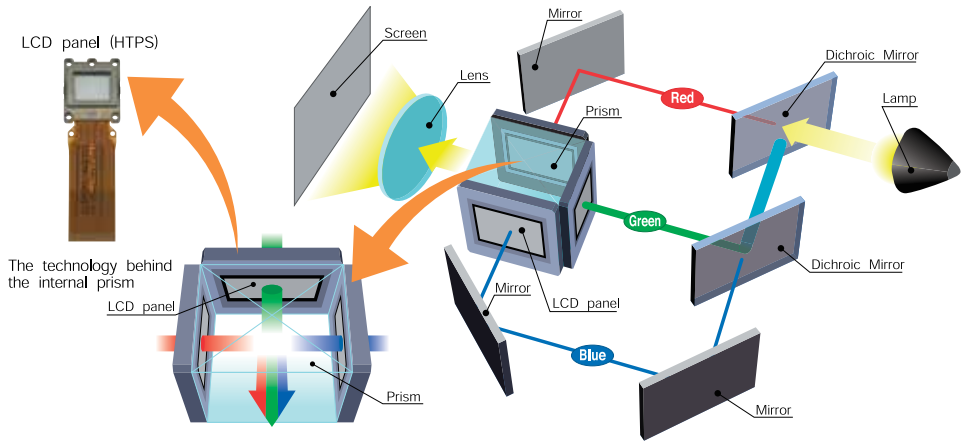
EPSON 3LCD TECHNOLOGY – FOR BRIGHT, FAITHFUL COLOURS

3LCD projectors offer brighter and more accurate colours as they produce different shades and hues by filtering, then mixing beams of the three primary colours (red, green and blue).

In a 3LCD projector, white light is first split into the three beams of primary colours. Each beam is then filtered through its own LCD that will give each individual pixel of the image its exact brightness for each colour. The colour beams are then perfectly recombined in a prism before being projected out as a complete image.

This compares to projectors using single-chip technology that actually project individual colours sequentially by filtering their single white light beam through a colour wheel, and then relying on human colour perception to combine the colours in the viewers' minds.

As a result, 3LCD projectors also offer greater detail, smoother gradations, no "colour breakup" effect, are easier on viewers' eyes, and consume about 25% less power to achieve the same brightness compared to a single-chip projector using a lamp of the same wattage.



3LCD projector : RGB are projected at the same time, which makes the single composite image easy on the eyes.

- An independent test by projector review media ProjectorCentral.com in 2009 of about 800 projectors found that on average, 3LCD projectors use 25% less power than single-chip projectors.

www.3lcd.com

SPECIFICATIONS
EH-TW6100/TW8200

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MODEL NUMBER		EH-TW6100	EH-TW8200
Projection Technology		RGB liquid crystal shutter projection system (3LCD)	
Specification of Main Parts			
LCD	Size	0.61" wide panel with MLA (D9, C²Fine, 12 bit)	0.74" wide panel with MLA (D9, C²Fine, 12 bit, OD)
	Native Resolution	1080p (1920 x 1080)	
Projection Lens	Type	Optical Zoom (Manual) / Focus (Manual)	
	F-Number	1.51 - 1.99	2.3 - 3.6
	Focal Length	18.2mm - 29.2mm	22.5mm - 47.2mm
	Zoom Ratio	1 - 1.6	1 - 2.1
	Throw Ratio	1.32 - 2.15 (Wide -Tele)	1.34 - 2.87 (Wide - Tele)
Lens Shift	Mode	N.A.	Manual
	Vertical (Up/Down)	N.A.	±96.3% (H Center, Manual)
	Horizontal (Left/Right)	N.A.	±47.1% (V Center, Manual)
Lamp	Type	230W UHE	
	Life (Normal/Eco)*1	4,000 hours / 5,000 hours	
Screen Size (Projected Distance)			
Zoom Wide		30" to 300" [0.87 to 8.9m]	30" to 300" [0.87 to 9.03m]
Zoom Tele		30" to 300" [1.42 to 14.5m]	30" to 300" [1.88 to 19.15m]
Brightness*2			
White Light Output (Normal)		2,300lm	2,400lm
Colour Light Output (Normal)		2,300lm	2,400lm
Contrast Ratio			
Auto Iris: On		40,000:1	600,000:1
Video Quality		Interlace-Progressive conversion, 3D Y/C separation, Noise reduction	
Supported Video Signal		480i / 576i / 480p / 576p / 720p / 1080i / 1080p NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM	
Colour Mode		Auto, Dynamic, Living room, Natural, Cinema, 3D Dynamic, 3D Cinema	Dynamic, Living room, Natural, Cinema, 3D Dynamic, 3D Cinema
Internal Speaker(s)			
Sound Output		10W x 2	N.A.
Keystone Correction			
Vertical		±30°	
Horizontal		±30° (Slider Bar)	N.A.
Auto Keystone Correction		Yes	N.A.
Connectivity			
Analog Input	D-sub 15pin	1 (Blue)	
Video Input	Component	RCA x 3 (Red/Green/Blue)	
	Composite	RCA x 1 (Yellow)	
Digital Input	HDMI	2 (HDCP supported) DeepColour, CEC, 3D	
Audio Input	RCA (White/Red)	1	N.A.
Others	USB Type A	1 (USB Memory)	N.A.
	USB Type B	1 mini-USB (For service only)	
Control I/O	RS-232C	D-sub 9pin x 1	
	Trigger-Out (12V)	N.A.	3.5mm mini-jack x 1
Adjustment Functions			
Six Axis Colour Adjustment		Hue / Saturation / Brightness for each of RGBCMY are adjustable	
Frame Interpolation		N.A.	High / Normal / Low / Off (2D and 3D Modes)
Super Resolution		0 / 1 / 2 / 3 / 4 / 5 (2D mode only)	0 / 1 / 2 / 3 / 4 / 5 (2D and 3D modes)
Aspect Mode		Auto / Normal / Full / Zoom / Wide	Auto / Normal / Full / Zoom
3D Features			
3D Display		On / Off	
2D - 3D Conversion		Off / Weak / Medium / Strong	
3D Format		Auto / Side by Side / Top & Bottom / 2D	
3D Depth		±10 The default value of 3D depth can be automatically set when a user enters the screen size.	
Operating Temperature		5 °C to 35 °C <41 °F to 95 °F>	
Operating Altitude		0m to 2,286m <0ft to 7500ft>	
Direct Power On/Off		Yes / N.A.	
Start-Up Period		23 seconds Warm-up period: 30 seconds	20 seconds Warm-up period: 30 seconds
Cool Down Period		5 seconds	16 seconds
Power Supply Voltage		100 - 240 V AC ±10%, 50/60 Hz	
Power Consumption (220-240V)			
Lamp On (Normal/Eco)		358W / 274W	334W / 270W
Standby (HDMI Link On/Off)		0.35W / 0.35W	0.39W / 0.39W
Dimension Excluding Feet (W x H x D)		420mm x 137.3mm x 365mm	466mm x 140mm x 395mm
Weight		6.0kg	8.4kg
Fan Noise		24dB	22dB

Supplied Accessories

Power Cable : 3m, 3 Wire (Black)

Remote Control : Compact Type

Battery : Alkaline AA Battery x 2

User's Manual Set

Optional Accessories

3D Glasses (RF Type): ELPGS03

3D Glasses Charger: ELPAC01

Spare Lamp : LPLP68 (EH-TW6100)
ELPLP69 (EH-TW8200)

Air Filter : ELPAF38 (EH-TW6100)
ELPAF39 (EH-TW8200)

Cable Cover : ELPCC04W (White)
(EH-TW8200)

Ceiling Mount : ELPMB22 (White)

EH-TW6100

EH-TW8200

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Information correct as at October 2013